

Message

From: Brauer, Sue [brauer.sue@epa.gov]
Sent: 8/18/2017 10:37:58 PM
To: Galbraith, Michael [Galbraith.Michael@epa.gov]
CC: Gerhard, Sasha [Gerhard.Sasha@epa.gov]; Shuster, Kenneth [Shuster.Kenneth@epa.gov]; Kohler, Amanda [Kohler.Amanda@epa.gov]; Langlois-Miller, Christina [Langlois-Miller.Christina@epa.gov]; Fagnant, Daniel [fagnant.daniel@epa.gov]; Young, Jessica [Young.Jessica@epa.gov]; Atagi, Tracy [Atagi.Tracy@epa.gov]; Gaines, Jeff [Gaines.Jeff@epa.gov]; Brauer, Sue [brauer.sue@epa.gov]
Subject: RE: Follow-up to Air Bag Treatment Technologies meeting today
Attachments: thermal trtmnt TSDF.xlsx

Has anyone asked aggregate kilns or cement kilns whether they would accept gas generators/airbag inflators containing propellant?

Anyone know whether they can accept D003? This disposal would be a waste of the metal, but treatment capacity could be a motivator if the inflators degrade in storage.

I found a RCRAInfo report that allowed me to query nationally for permitted, operating thermal treatment units. The results follow.

- None of the following units accept hazardous waste from off-site or only from related facilities: blast furnaces; smelters, melting or refining furnaces, lime kilns, phosphate kilns; coke ovens; Other T93.
- Out of 49 OB/OD units, five accept waste generated off-site and maybe could accept inflators: MND081138604 , WID020488011, LAD981055791, UT3170027277, and UTD009081357.
- There are 42 X99 Other Subpart X units, some of which are located at incinerators, BIFs, or thermal treatment facilities.

See the attached Excel workbook for additional TSDFs with units that accept waste from off-site or accept waste from limited off-site gens. You may be able to eliminate some of these off the top of your head due to work experience with combustors. For example, I didn't know if a unit might also have solid feed when the capacity is reported in gal/hour. The facilities with capacities given in gal/hr are Ross Incineration Services, Norlite LLC, Keystone Cement, Holcim Artesia MS, and LaFarge Paulding. Before 1995, I remember that some cement kilns were experimenting with solid fuel in plastic buckets but many (e.g., LaFarge Alpena) got out of hazardous waste and switched to used oil fuel when not burning virgin fossil fuels.

I don't think public input is required if the only change to an issued permit is addition of a waste code, so maybe a facility would consider adding a waste code in order to gain business.

Sue Brauer

From: Galbraith, Michael
Sent: Friday, August 18, 2017 7:43 AM
To: Brauer, Sue <brauer.sue@epa.gov>
Cc: Gerhard, Sasha <Gerhard.Sasha@epa.gov>; Shuster, Kenneth <Shuster.Kenneth@epa.gov>; Kohler, Amanda <Kohler.Amanda@epa.gov>; Langlois-Miller, Christina <Langlois-Miller.Christina@epa.gov>; Fagnant, Daniel <fagnant.daniel@epa.gov>; Young, Jessica <Young.Jessica@epa.gov>; Atagi, Tracy <Atagi.Tracy@epa.gov>; Gaines, Jeff <Gaines.Jeff@epa.gov>
Subject: Fw: Follow-up to Air Bag Treatment Technologies meeting today

Sue - embedded in this email thread is a list of facilities allowed to take energetic waste that was provided to us by a company. I'm not sure if we ever did a rcrainfo pull. Also not sure if all these sites would take airbags.

Hope this helps.

Mike Galbraith
Permits Branch (5303P)
Program Implementation/Information Division
Office of Resource Conservation and Recovery
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Washington, DC 20460

From: RETALLICK, PHILLIP G <retallick.phillip@cleanharbors.com>

Sent: Monday, September 12, 2016 10:18 AM

To: Treleaven Jr, Chuck; Shuster, Kenneth; Foley, Michael A

Cc: Kohler, Amanda; Gerhard, Sasha; Galbraith, Michael; Gaines, Jeff; Crosby-Vega, Terri; Colon, Lilybeth; Wanslow, Julie; Kirkland, Kim; Huggins, Richard; Langlois-Miller, Christina; Fagnant, Daniel; Devlin, Betsy; Victorine, Gary; Johnson, Barnes

Subject: RE: Follow-up to Air Bag Treatment Technologies meeting today

Thank you Chuck!

From: Treleaven Jr, Chuck

Sent: Monday, September 12, 2016 10:15 AM

To: Shuster, Kenneth; RETALLICK, PHILLIP G; Foley, Michael A

Cc: Kohler, Amanda; Gerhard, Sasha; Galbraith, Michael; Gaines, Jeff; Crosby-Vega, Terri; Colon, Lilybeth; Wanslow, Julie; Kirkland, Kim; Huggins, Richard; Langlois-Miller, Christina; Fagnant, Daniel; Devlin, Betsy; Victorine, Gary

Subject: RE: Follow-up to Air Bag Treatment Technologies meeting today

Ken,

It was good seeing you again and once we have information on the bag shredding, we will pass it on. In the meantime, here is information on TSDF's that are processing Class 1 Waste. I'm familiar with our own facilities acceptance and packaging criteria, but can't speak for the others.

If you have any further questions or comments, please let me know.

Commercial Waste Facilities that take Class 1
Explosives

Company Name	Address	City	State	Zip	Telephone	Methods/Comments
Clean Harbors	3763 Highway 471	Colfax	Louisiana	71417	318-627-3443	Open Burn/Open Detonation
Clean Harbors	11600 North Aptus	Dugway	Utah	84022	435-884-8309	Incineration (1.4 Only)
General Dynamics	4174 CR 180	Carthage	Missouri	64836	417-624-0212	Incineration, Car Furnace.
Veolia	7 Mobile St	Sauget	Illinois	62201	618-271-2804	Incineration
Heritage Environmental	1250 St. George St	East Liverpool	Ohio	43920	800-545-7655	Incineration

Safety Starts with Me: Live It 3-6-5

Chuck Treleaven
Cylinders and Explosives Services
3763 Highway 471
Colfax, Louisiana 71417
281-210-4986
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From: Shuster, Kenneth [<mailto:Shuster.Kenneth@epa.gov>]
Sent: Thursday, September 08, 2016 11:09 AM
To: RETALLICK, PHILLIP G; Foley, Michael A; Treleaven Jr, Chuck
Cc: Kohler, Amanda; Gerhard, Sasha; Galbraith, Michael; Gaines, Jeff; Crosby-Vega, Terri; Colon, Lilybeth; Wanslow, Julie; Kirkland, Kim; Huggins, Richard; Langlois-Miller, Christina; Fagnant, Daniel; Devlin, Betsy; Victorine, Gary
Subject: RE: Follow-up to Air Bag Treatment Technologies meeting today

Ooops...Resending with corrected email for Michael Foley.

From: Shuster, Kenneth
Sent: Thursday, September 08, 2016 12:06 PM
To: 'retallick.phillip@cleanharbors.com' <retallick.phillip@cleanharbors.com>; 'folerm@cleanharbors.com' <folerm@cleanharbors.com>; 'treleaven.charles@cleanharbors.com' <treleaven.charles@cleanharbors.com>
Cc: Kohler, Amanda <Kohler.Amanda@epa.gov>; Gerhard, Sasha <Gerhard.Sasha@epa.gov>; Galbraith, Michael <Galbraith.Michael@epa.gov>; Gaines, Jeff <Gaines.Jeff@epa.gov>; Crosby-Vega, Terri <Crosby-Vega.Terri@epa.gov>; Colon, Lilybeth <Colon.Lilybeth@epa.gov>; Wanslow, Julie <Wanslow.Julie@epa.gov>; Kirkland, Kim <Kirkland.Kim@epa.gov>; Huggins, Richard <Huggins.Richard@epa.gov>; Johnson, Barnes <Johnson.Barnes@epa.gov>; Langlois-Miller, Christina <Langlois-Miller.Christina@epa.gov>; Fagnant, Daniel <fagnant.daniel@epa.gov>; Devlin, Betsy <Devlin.Betsy@epa.gov>; Victorine, Gary <victorine.gary@epa.gov>
Subject: Follow-up to Air Bag Treatment Technologies meeting today

Thanks for meeting with us today...I found the discussion VERY informative.

I look forward to receiving your list of commercial waste energetics companies, the results of your upcoming air bags shredder testing you outlined, and your list of commercial waste TSDFs; and will share this info here.

Thanks.

Ken Shuster
703-308-8759